

Statement of Research Interest

I am TANOY BOSH. I have completed my Bachelor of Technology (B.Tech) degree in Computer Science and Engineering (CSE) from Institute of Engineering and Management (IEM) under Maulana Abul Kalam Azad University of Technology (MAKAUT) in 2021.

My primary interest in research is in the field of Artificial Intelligence (AI).

Artificial Intelligence (AI) is the next big revolutionary technology of the human age. Artificial intelligence or AI is a computer system that allows machines to mimic or exceed human intelligence. AI's goal is to apply human intelligence to machines that can create smart systems, make complex decisions, work with large amounts of data fast and intelligent algorithms. The future will be more revolutionary with the proper use of AI systems like heavy-work duty robots, self-driving vehicles, autonomous drones, smart assistants, proactive healthcare management etc.

AI is a broad field consisting of two main subsets: Machine Learning and Deep Learning. Machine learning is a part of AI which provides intelligence to machines with the ability to automatically learn with experiences. And Deep learning is a subset of machine learning which provides the ability to machines to perform human-like tasks without human involvement.

So, since AI is a huge field for improving the human works and complex algorithms in our daily lives, I am very excited to do research in this field to contribute to the growth of society and the welfare of mankind. And it would be an honor for me if I can get a chance to complete my research at a historical institute like IIT Kharagpur.

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Tanoy Bosh
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